NAUTICAL RESEARCH JOURNAL

PUBLISHED BY THE NAUTICAL RESEARCH GUILD
6413 Dahlonega Road
Washington, D. C. 20016

INDEX 1973/1974 VOLUME 20

Articles

	Page
The Privateer DASH, by W. B. Yarnell	5
Anchors and their Story, by Charles M. Gay	9
Amphibious Operations, by Charles F. H. Menges.	13
Three Master Shipbuilders, by Bernard Berenson	14
San Francisco and Whaling on the West Coast, by S. M. Boland	15
The Graphic Scale In Old Ship Plans, by H. I. Chapelle	18
The FLYING FISH and Her Plan, by John Lyman	21
The New Clipper Ship FLYING FISH of Boston, from the Boston Atlas	22
The FLYING FISH and the Clipper Ship Races, by R. C. McKay.	26
The FLYING FISH Plans, A Review, by James W. Harbin, Jr.	28
The Drafting of the FLYING FISH, by Herbert S. Scott	32
Clipper Ship Lines from Half Models, by H. I. Chapelle	33
Plank and Frame Ship Model, by John J. Flynn.	35
An Introduction to Plastic Shipmodels, by Andrew Hoigard.	43
Rope and Rigging, by Thomas Hornsby.	45
The Boston Harbor Tug PETER B. BRADLEY, by Evers Burtner	55
The Sizes of Standing Rigging 1618-1640, by Winthrop Pratt, Jr.	57
18th Century Gun Carriages and Fittings, by M. A. Edson.	60
The Rig of a Scow Schooner, by Ben Lankford	63
LA DUCHESSE D'ORLEANS, by Michael Costagliola	67
Notes on the Fate of USS CARONDELET, by Myron J. Smith, Jr and Thomas Addison.	74
The Lore of the Figurehead, by Willis L. Nye	79
WILD GOOSE, A Paddlewheel Riverboat, by John L. Fryant	85
Don't Man the Boats, by E. P. Heriz-Smith	91
Painting Ship Models, by Ben Lankford	93
Presidential Yachts, by Frank D. Scott	119
The Rams That Never Were, by A. J. Marini.	129
The Remarkable Frigate L'INSURGENT, by Mike Morgan	134
United States Frigate SAVANNAH, by Charles B. Richmond	139
Ferry, Ferry, Who's Got the Ferry, by Norman N. Rubin	145
Notes on Four Models, by Erik A. R. Ronnberg, Jr.	146
An Experiment In Taking Off Lines, Dana M. Wegner	149
The ROBERT McCLINTOCK, by Joseph M. White	167
Le Comte: Practicale Zeevaartunde, Part I, by Merritt Edson	170
Copper Sheathing of Whale Ships, by Erik A. R. Ronnberg, Jr.	183

The Eads Turret, by Dana M. Wegner 187
Descriptions of Chesapeake By Sailing Craft Derived from Contemporary Advertising, by Edward F. Heite 190
Contemporary Comments, submitted by Edward A. Mueller . . . 193
Rodger's Anchors, by Norman N. Rubin 194
Ship Model Restoration, by Ben Lankford 195
Restorations-A Pictorial Portfolio 199
A Model of HMS CHATHAM, by Lloyd H. McCaffery 209
Royal Navy Ships on the Stamps of the Antigua, 1970 Series, by Arthur W. Mears 212

Notes
Introduction to 25th Anniversary Issue 3
NRG Meeting at Baltimore 97
NRG Meeting at Newport News 98, 158

Departments
The Secretary's Newsletter 97, 158
New Members. 111, 159, 213

Shop Notes
From the Shop of J. J. Flynn 44
Painting Ship Models 93
Taking Off Lines 149
Ship Model Restoration . . . 195
Plank and Frame Ship Model . 35
For the Novice 99
Conversation Piece, F. D. Scott 182

Plans
American Privateer DASH, 1813 7
FLYING FISH, Lines and Sail Plan, 1851 . . . . . 20, 29, 30
PETER B. BRADLEY, Tug, 1877. . . . . 54, 55
Iron 24-pounder, circa 1775 60
San Francisco Scow Schooner, Sail Plan 62, 64
LA DUCHESSE D'ORLEANS, Lines and Sail Plan 70, 71
WILD GOOSE, Paddlewheel Riverboat 84, 88, 89
SCORPION 133
USF SAVANNAH, Sail Plan and Lines 138, 140-143
Unidentified Monitor, circa 1873, Lines 154
Schooner ROBERT McCLINTOCK, Lines and Sail Plan . . . 168, 169
Eads Turret 186, 188
Medium Clipper REPORTER, 1853, Lines 192, 193
Privateer MAGGOT, circa 1670 216

Questions and Comments
Schooner JOE LANE. 100
Sail Plan of NIGHTINGALE. . 101
Plans of Class J. Yachts . . . 101
Clipper Ship Data 102
Sticking Tommies 102
Photographs of Modern Warship Models. 102
Belaying Plan for 3 or 4 Masted Schooner 103
Lillian of Boston 103
Running Lights 155
Ship COLUMBIA of 1790 . . . 156
Bark HOWARD 156
MAGGOT, A Privateer 216
KATIE of Padston, Cornwall . 100
CSS VIRGINIA (ex MERRIMAC) 101
Bugeye and Skipjack Plans 102, 156
Ship's Longboat or cutter 102
River Boat MARQUIS 102
Ship Plans 103
17th and 18th Century Plans . 103
"The Shipmodeller" and "The Mariner". 103
First West Coast Spanish Ship 155
San Francisco Bar Pilots . . 156
Jackson Figurehead. 156
Skylights on Hatches. 156

Book Reviews

Fast Sailing Ships: Their Design and Construction, 1775, 1875, by David R. Macgregor 104
Konigin der See Funfmast-Vollschiff Preussen by Horst Hamecher 104
Bemastung und Takelung der Schiffe, by F. L. Middendorf 105
Die Grossen Segelschiff, by W. Laas. 105
Kulsejlet, og andre oeldre ventilations-systemer, by Erling Pade 106
Yachting, A Pictorial History, by Peter Heaton 106
Life on the Potomac River, by Edwin W. Beitzell. 107
North to Baffin Land, by John T. Rowland 107
4 Years A-Whaling, by Philip F. Purrington 107
A History of Marine Navigation, by Cdr W. E. May 107
Restoration of the Smack EMMA C. BERRY, by Willets D. Ansel 108
The Mariner's Dictionary, by Gershom Bradford 108
Lure of the Labrador, by Dr. Paul B. Sheldon 109
Oars Across the Pacific, by John Fairfax and Sylvia Cook 109
Into the Hidden Environment: The Oceans, by Keith Critchlow . . 109
Damn the Garbage, Full Speed Ahead, by Capt Moss Bunker . . . 109
The Journals of Ashley Bowen (1728-1813) of Marblehead, edited by P. C. F. Smith 110
Picture Book of the Revolution's Privateers, by Wilbur C. Keith . 110
First Across! The U. S. Navy's Transatlantic Flight of 1919, by Richard D. Smith 110
The American Fishing Schooner, 1825-1935, by Howard I. Chapelle 157
The Mariner's Catalog, edited by David R. Getchell 157
A History of Seafaring Based on Underwater Archaeology, edited by Dr. George F. Bass 157
The Ocean Sailing Yacht, by Donald M. Street, Jr. 157
Ship's Data 1, USS NORTH CAROLINA (BB 55), edited by Arnold S. Lott and Robert F. Sumrall 211
Ship's Data 2, USS ALABAMA (BB 60), edited by Arnold S. Lott and Robert F. Sumrall 211
Simplified Boatbuilding, The V-Bottom Boat, by Harry V. Sucher 211
Ship Names, Origins and Usages During 45 Centuries, by Don H. Kennedy. 211
A Maritime History of Bath, Maine and the Kennebec River Region, by William A. Baker. 211
This Is Sailing, A Complete Course, by Richard Creagh-Osborne 212
The New Yacht Racing Rules, 1973-1876, by Robert N. Bavier, Jr. 212
Tuning a Racing Yacht, by Mike Fletcher with Bob Ross. 216
The Catboat Book, edited by John M. Leavens 216

Illustrations

Brig ALERT, 1806 1
Anchors 8
Whale Ship Crane Details. . . 17
Graphic Scales 18
FLYING FISH. 21
USF ESSEX. 34
Rope Making 47
Schooner OUSATONAC, 1804 . 59
LA DUCHESSE D'ORLEANS 67-73
Figurehead, HMS AMERICA . 83
Figurehead, BALUSAN . . . 83
Late 16th Century Ship. . . . 92
Quay at New York City. 117
USS SYLPH. 122
Open Frame Half-model . . 7
Amphibious Operations . . . 13
Whaling Bark PALMETLO . 17
Fisherman Race, 1923 . . . 19
Signal Hoist of FLYING FISH 21
Construction details, the Plank and Frame Ship Model 36-40
Head of 22 Gun Sloop 65
Packet Ship CONNECTICUT. 72
Figurehead, USS OLYMPIA . 83
WILD GOOSE, 1926 86-87
Schooner HALIFAX. 92
USS DOLPHIN 121
USS MAYFLOWER 123

USS SEQUOIA 124
USS WILLIAMSBURG 126
HONEY FITZ 127
Laird Ram 130
Colonial Ketch ADVENTURE . 147
North River Packet Sloop. . . 148
Monitor CHICKASAW 165
USF CONSTELLATION . . . 182
Anchors 194
W. F. McKEWEN 202
HMS CHATHAM. 209
USS POTOMAC 125
USF SAVANNAH, 1842 . . . 139
PATRICK J.. 128
Colonial Bark, ca. 1630 . . 147
Fishing Pinky ESSEX, 1821 . 148
Taking Off Lines 149-153
Plates from Le Comte . . . 171
Whaler MORNING STAR . . 185
LIZZE W. MATHESON . . . 199
U. S. GRANT 204
Westamaran 100T 210